Lake 1 Transect

Date: 8/21/87

Method

A transect, marked by metal poles at each end, was established on the north side of Lake 1. A wooden square measuring two feet on each side was used as a plot. Eighteen plots were randomly located from north to south. Five steps (approximately five feet) were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	8	0.44
Foxtail	86	4.78
Unknown Forb	2	0.11
Aster	4	0.22
Sawgrass	36	2.00
Millet	519	28.83
Cyperus spp.	33	1.83
Eleocharis sp	280	15.55
Needlerush	8	0.44

LAKE 2 TRANSECT

Date: 8/21/87

Method

A transect, marked by a metal pole at each end, was established on the north side of Lake 2. A wooden square measuring two feet on each side was used as a plot. Twenty-one plots were randomly located from south to north. Five steps (approximately five feet) were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	40	1.90
Millet	1074	51.14
Marsh Mallow	47	2.24
Sawgrass	15	0.71
Alligatorweed	1	0.05
Cyperus sp	7	0.33

LAKE 3 TRANSECT

Date: 8/21/87

Method

A transect, marked by a metal pole at each end, was established on the north side of Lake 3. A wooden square measuring two feet on each side was used as a plot. Fifteen plots were randomly located from south to north. Five steps (approximately five feet) were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	4	0.26
Millet	1046	69.73
Marsh Mallow	25	1.66
Ludwigia sp	54	3.60
Soft Stem Bullrush	14	0.93
Cyperus sp	13	0.87
Sawgrass	13	0.87
Unk	4	0.26
Sagittaria sp	2	0.13
Oenothera sp	1	0.07

OYSTER POND TRANSECT

Date: 8/27/87

Method

A transect, marked by a metal pole at each end, was established on the south side of Oyster Pond. A wooden square measuring two feet on each side was used as a plot. Thirty-one plots were randomly located from south to north. Five steps were taken and the plot was tossed. When it landed the percent occupancy (ocular estimate), water depth, and a stem count of each species were recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	16	0.516
Millet	74	2.39
Unk Sedge	40	1.29
Soft Stem Bullrush	544	17.55
Smartweed	1	0.03

In addition, twelve of the plots contained submergents such as *Chara* sp and pondweeds.